| Ref<br>#   | Hits  | Search Query                    | DBs                                                            | Default<br>Operator | Plurals | Time Stamp       |
|------------|-------|---------------------------------|----------------------------------------------------------------|---------------------|---------|------------------|
| <b>L</b> 9 | 592   | rubber and deprotein\$          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/25 09:37 |
| L10        | 31160 | rubber and protein              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ .               | ON .    | 2007/05/25 09:36 |
| L11        | 353   | rubber and (no protein)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/25 09:36 |
| L12        | 349   | rubber same deprotein\$         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/25 09:37 |
| L13        | 340   | rubber with deprotein\$         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/25 09:39 |
| L15        | 419   | rubber with deprotein\$ or DPNR | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ                 | ON      | 2007/05/25 09:41 |

| L18 | 100 | //IIAE4EEAOID /IIAECODDOID        |           | 1 05 | l      | l                |
|-----|-----|-----------------------------------|-----------|------|--------|------------------|
|     |     | (("4515548") or ("4560338") or    | US-PGPUB; | OR   | OFF    | 2007/05/25 09:48 |
| 1   |     | ("4568504") or ("5962147") or     | USPAT;    |      |        |                  |
|     |     | ("20040106724") or                | USOCR     |      |        |                  |
|     |     | ("20050256250") or ("6323279") or |           |      |        |                  |
|     |     | ("5679196") or ("5804307") or ´   |           |      |        |                  |
|     |     | ("6313211") or ("6399557") or     |           |      |        |                  |
|     |     | ("5693695") or ("6372822") or     |           |      |        |                  |
|     |     | ("6531527") or ("6743853") or     |           |      |        |                  |
|     |     | ("20060189732") or ("5425904") or |           |      |        |                  |
|     |     | ("4460711") or ("4898223") or     | ,         |      |        |                  |
|     |     |                                   |           |      |        |                  |
|     |     | ("4513648") or ("7015264") or     |           |      |        |                  |
|     |     | ("6306514") or ("6469094") or     |           |      |        |                  |
|     |     | ("4800103") or ("4473667") or     |           |      |        |                  |
|     |     | ("4781781") or ("4810523") or     |           |      |        |                  |
|     |     | ("5338793") or ("5554673") or     |           |      |        |                  |
| 1.0 |     | ("5571567") or ("6143416") or     |           |      |        |                  |
| ·   |     | ("6281298") or ("6465591") or     |           |      |        |                  |
|     |     | ("20020035195") or                |           |      |        |                  |
|     |     | ("20040222543") or ("4757101") or |           |      |        |                  |
|     |     | ("5961250") or ("6346579") or     |           |      | ĺ      |                  |
|     | İ   | ("4433106") or ("4513111") or     |           |      |        |                  |
|     |     | ("4880877") or ("6417239") or     |           |      |        |                  |
|     |     | ("6444735") or ("6476119") or     |           |      |        |                  |
|     |     | ("6204358") or ("6239253") or     |           |      |        |                  |
|     |     | ("4804694") or ("4817593") or     |           |      | !      |                  |
|     | i   | ("5179149") or ("5340112") or     |           |      | <br>!  |                  |
|     | į   | ("5350809") or ("5811477") or     |           |      |        |                  |
|     | !   | ("6258757") or ("6271181") or     |           |      | 1      |                  |
|     | ,   | ("6328106") or ("6342559") or     |           |      | !<br>! |                  |
|     | ,   | ("6401817") or ("6448206") or     |           |      | ·      |                  |
|     |     | ("6462159") or ("6492447") or     |           |      | 1      |                  |
|     |     | ("6777490") or ("6929783") or     |           |      | ‡<br>} |                  |
|     |     | ("20010049411") or                |           |      |        |                  |
|     |     | ("20020086917") or                |           |      |        |                  |
|     |     | ("20020156159") or                |           |      |        |                  |
|     |     | ("20030207992") or                |           |      |        |                  |
|     |     | ("20050148723") or                |           |      |        |                  |
|     |     | ("20060079608") or ("4348492") or |           |      |        |                  |
|     | 8   | ("4549897") or ("4785479") or     |           |      |        |                  |
|     |     | ("4911155") or ("4937023") or     |           |      |        |                  |
|     |     | ("5026641") or ("5466739") or     |           |      |        |                  |
|     | ļ   | ("5478654") or ("5977223") or     |           |      |        |                  |
|     | į   | ("6254947") or ("6440498") or     |           |      |        |                  |
|     |     | ("20010051675") or                | ٠         |      |        |                  |
|     |     | ("20040014876") or                |           |      |        |                  |
|     |     | ("20060205867") or ("4443583") or |           |      |        |                  |
|     |     | ("4940747") or ("5683819") or     |           |      |        |                  |
|     |     | ("6166140") or ("6331591") or     |           |      |        |                  |
|     |     |                                   |           |      |        |                  |
|     |     | ("6333375") or ("6355737") or     |           |      |        |                  |
|     |     | ("6465579") or ("4065426") or     |           |      |        |                  |
|     |     | ("6383307") or ("5232779") or     |           |      |        |                  |
|     |     | ("6284446") or ("5626953") or     |           |      |        |                  |
|     |     | ("6347408") or ("4445959") or     |           |      |        |                  |
|     |     | ("5326515") or ("5459880") or     |           |      |        |                  |
|     |     | ("5909752")).PN.                  |           |      |        |                  |

| L19 | 9    | L18 and (nitrogen content)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON  | 2007/05/25 09:48 |
|-----|------|----------------------------------------------|----------------------------------------------------------------|-----|-----|------------------|
| L21 | 29   | (nitrogen content near4 percent) and tire    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON  | 2007/05/25 09:55 |
| L22 | 180  | (nitrogen content near4 percent) and rubber  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON  | 2007/05/25 09:55 |
| L23 | . 29 | (nitrogen content near4 percent) same rubber | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON  | 2007/05/25 10:17 |
| L24 | 8    | ("1205491").PN.                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2007/05/25 10:17 |
| L27 | 80   | deproteinized near3 rubber and tire          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON  | 2007/05/25 14:34 |
| L29 | 2    | ("2001122906").PN.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | OR  | OFF | 2007/05/25 15:43 |

|          | <del></del> - |                                                |           | 1  | 1   | ·                |
|----------|---------------|------------------------------------------------|-----------|----|-----|------------------|
| S1       | 100           | (("4515548") or ("4560338") or                 | US-PGPUB; | OR | OFF | 2007/05/25 09:48 |
|          |               | ("4568504") or ("5962147") or                  | USPAT;    | İ  |     | -                |
|          |               | ("20040106724") or                             | USOCR     |    |     |                  |
|          |               | ("20050256250") or ("6323279") or              |           |    |     |                  |
|          |               | ("5679196") or ("5804307") or (                |           |    |     |                  |
|          |               | ("6313211") or ("6399557") or                  |           |    |     |                  |
|          |               | ("5693695") or ("6372822") or                  |           |    |     |                  |
|          |               | ("6531527") or ("6743853") or                  |           |    |     |                  |
|          |               | ("20060189732") or ("5425904") or              |           |    |     |                  |
|          |               | ("4460711") or ("4898223") or                  |           |    |     |                  |
| ,        |               | ("4513648") or ("7015264") or                  |           |    |     |                  |
|          |               | ("6306514") or ("6469094") or                  |           |    |     |                  |
|          |               | ("4800103") or ("4473667") or                  |           |    |     |                  |
|          |               | ("4781781") or ("4810523") or                  | •         |    |     |                  |
|          |               | ("5338793") or ("5554673") or                  |           |    |     | j<br>I           |
|          |               | ("5571567") or ("6143416") or                  |           |    |     |                  |
|          |               | ("6281298") or ("6465591") or                  |           |    | ļ   |                  |
|          |               | ("20020035195") or                             |           |    |     |                  |
| <u> </u> |               | ,                                              |           |    | į   |                  |
|          |               | ("20040222543") or ("4757101") or              |           |    |     |                  |
|          |               | ("5961250") or ("6346579") or                  |           |    |     |                  |
|          |               | ("4433106") or ("4513111") or                  |           |    |     |                  |
|          |               | ("4880877") or ("6417239") or                  |           |    |     |                  |
|          |               | ("6444735") or ("6476119") or                  |           |    |     |                  |
|          |               | ("6204358") or ("6239253") or                  |           |    |     | *                |
|          |               | ("4804694") or ("4817593") or                  |           |    |     |                  |
|          |               | ("5179149") or ("5340112") or                  |           |    |     |                  |
|          |               | ("5350809") or ("5811477") or                  |           |    |     |                  |
|          | 1             | ("6258757") or ("6271181") or                  |           |    |     |                  |
|          |               | ("6328106") or ("6342559") or                  |           |    |     |                  |
|          |               | ("6401817") or ("6448206") or                  |           |    |     |                  |
|          |               | ("6462159") or ("6492447") or                  |           |    |     |                  |
|          |               | ("6777490") or ("6929783") or                  |           |    |     |                  |
|          |               | ("20010049411") or                             |           |    | 1   |                  |
|          |               | ("20020086917") or                             |           |    |     |                  |
|          |               | ("20020156159") or                             |           |    |     |                  |
| 1        | 1             | ("20030207992") or                             |           |    |     |                  |
|          |               | ("20050148723") or                             |           |    |     |                  |
|          |               | ("20060079608") or ("4348492") or              |           |    | +   |                  |
|          |               | ("4549897") or ("4785479") or                  |           |    | 1   |                  |
| -        |               | ("4911155") or ("4937023") or                  |           |    |     |                  |
|          |               | ("5026641") or ("5466739") or                  |           |    | 1   |                  |
|          |               | ("5478654") or ("5977223") or                  |           |    |     |                  |
|          |               | ("6254947") or ("6440498") or                  |           |    |     |                  |
|          |               | ("20010051675") or                             |           |    |     |                  |
|          |               | ("20040014876") or                             |           |    | 1   |                  |
|          |               | ("20060205867") or ("4443583") or              |           |    |     |                  |
|          |               | ("4940747") or ("5683819") or                  |           |    |     |                  |
|          |               | ("6166140") or ("6331591") or                  |           |    |     |                  |
|          |               | ("6333375") or ("6355737") or                  |           |    |     |                  |
|          |               | ("6465579") or ("4065426") or                  |           |    |     |                  |
|          |               | ("6383307") or ("5232779") or                  |           |    |     |                  |
|          |               | ("6284446") or ("5626953") or                  |           |    |     |                  |
|          |               | ("6347408") or ("4445959") or                  |           |    |     | İ                |
|          | 1             | I CCCCTTT ) IU ( UUT (TCU )                    | ]         | 1  | i . | 1.               |
|          |               | ("5326515") or ("E4E0000") or                  | ł         |    |     |                  |
|          |               | ("5326515") or ("5459880") or ("5909752")).PN. |           |    |     |                  |

| S2 | 830   | Yasuyuki.in. near3 Tanaka.in.                                | US-PGPUB;                                                      | ADJ | ON | 2007/05/24 13:26  |
|----|-------|--------------------------------------------------------------|----------------------------------------------------------------|-----|----|-------------------|
|    | 333   | ·                                                            | USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT              |     |    | 2337,733,21 23.20 |
| S3 | 107   | (Yasuyuki.in. near3 Tanaka.in.) and rubber                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 13:27  |
| S4 | 40    | (Yasuyuki.in. near3 Tanaka.in.) and rubber and deproteinized | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 13:36  |
| S5 | 1     | jitladda.in. near3 sakadapipanich.in.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:01  |
| S6 | 75451 | saponif\$                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:02  |
| S7 | 10099 | saponif\$ and rubber                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:09  |
| S8 | 1391  | saponif\$ and natural rubber                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:03  |
| S9 | 168   | saponif\$ and natural rubber and protein                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:03  |

| S10 | 11       | S8 and deprotein\$                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:09 |
|-----|----------|------------------------------------------------------|----------------------------------------------------------------|-----|----|------------------|
| S11 | 2263     | saponif\$ same rubber                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:09 |
| S12 | 769<br>· | saponif\$ with rubber                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:10 |
| S13 | 217      | saponif\$ with rubber and hydroxide                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:10 |
| S14 | 14       | saponif\$ with rubber and alkali<br>hydroxide        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:14 |
| S15 | 10010    | saponif\$ with hydroxide                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:14 |
| S16 | 108      | saponif\$ with (hydroxide and surfactant)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:15 |
| S17 | 28       | saponif\$ with (hydroxide and surfactant) and rubber | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 14:59 |

| S18 | 6711 | green strength                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON   | 2007/05/24 14:59 |
|-----|------|-----------------------------------------------|----------------------------------------------------------------|-----|------|------------------|
| S19 | 9    | green strength and crude rubber               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON . | 2007/05/24 15:05 |
| S20 | 2297 | green strength and rubber                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON   | 2007/05/24 15:05 |
| S21 | 3    | green strength with pascal                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON   | 2007/05/24 15:07 |
| S22 | 8369 | unvulcanized rubber                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON   | 2007/05/24 15:07 |
| S23 | 7    | unvulcanized rubber and pascal                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON   | 2007/05/24 15:10 |
| S24 | 47   | initial lap shear                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON   | 2007/05/24 15:10 |
| S25 | 121  | S18 and (crude rubber or unvulcanized rubber) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON   | 2007/05/24 15:11 |

| COC |       | C10 come (com do mile)                         | LIC DCDLID                                                     | 403 | ON | 2007/05/24 45 44 |
|-----|-------|------------------------------------------------|----------------------------------------------------------------|-----|----|------------------|
| S26 | 66    | S18 same (crude rubber or unvulcanized rubber) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 15:14 |
| S27 | 85    | S18 near5 (pascal or Pa or MPa or N/m)         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 15:15 |
| S28 | 26374 | nitrogen content                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 16:00 |
| S29 | 1838  | nitrogen content near4 percent                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/25 09:54 |
| S30 | 194   | nitrogen content with rubber                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 16:01 |
| S31 | 7     | nitrogen content with deprotein\$ rubber       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 16:02 |
| S32 | 0     | nitrogen content near4 by weight               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 16:02 |
| S33 | 0     | nitrogen content with by weight                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT | ADJ | ON | 2007/05/24 16:03 |

Page 8

| S34 79 nitrogen conten | US-PGPUB; ADJ ON 2007/05/24 16:0 USPAT; USOCR; FPRS; EPO; JPO; DERWENT |
|------------------------|------------------------------------------------------------------------|
|------------------------|------------------------------------------------------------------------|